

Human Mucin-20 ELISA Kit | MUC20 elisa kit

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CATALOG #
AAA99026

REACTIVITY
Human

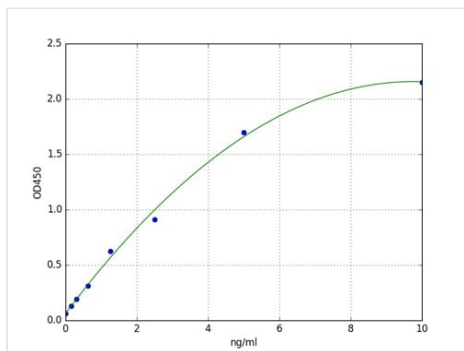
PRODUCT SYNONYMS

Mucin-20; Human Mucin-20 ELISA Kit; MUC20 (Mucin-20)/MUC-20; MUC20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	656
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human MUC20 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.004	0.051	0.115	0.243	0.434	0.822	1.611	2.559

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUC20 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MUC20 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MUC20 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human MUC20 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MUC20 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

225007557

NCBI GeneID	224116
NCBI Accession #	NP_666183.2
NCBI GenBank Nucleotide #	NM_146071.2
Molecular Weight	68,720 Da
NCBI Official Full Name	mucin-20 isoform b
NCBI Official Synonym Full Names	mucin 20
NCBI Official Symbol	Muc20
NCBI Official Synonym Symbols	BC026367
NCBI Protein Information	mucin-20
UniProt Protein Name	Mucin-20
UniProt Gene Name	Muc20
UniProt Synonym Gene Names	MUC-20
UniProt Entry Name	MUC20_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/muc20-human-elisa-kits/mucin-20/99026>